IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A method for production of a sandwich panel core from composites, the method comprising:

placing of a blank from a reinforcing material;

after impregnation of the blank with a binder along a full surface of the blank to obtain a prepreg, hardening the binder during hot-pressing, wherein heat for the hardening of the binder in the prepreg is applied within boundaries of prepreg parts, and conditions slowing down the hardening along the prepreg between said parts are created to obtain a ~~plane~~ planar semifinished-blank comprising a set of substantially rigid parts detached from each other and having a shape of core sides;

after deformation of the semifinished-blank, obtaining a core ~~relief~~ with required geometries; and

final hardening of the binder, wherein

the obtained core is a folded 3-D structure with planar sides and ridges, the ridges connecting the core with skins of the sandwich panel.

Claim 2 (Previously Presented): The method according to claim 1, wherein a width of the prepreg between the parts having the shape of the core sides is not less than double a radius of a blank material bending at the parts.

Claim 3 (Previously Presented): The method according to claim 1, wherein the impregnating the blank comprises preserving the blank in a reinforcing fabric.

Claim 4 (Previously Presented): The method according to claim 3, wherein the reinforcing fabric includes glass fabric or carbon fabric.

Claim 5 (Previously Presented): The method according to claim 1, wherein the final hardening of the binder comprises assemblage of a core-skin of the sandwich panel core to the prepreg.

Claim 6 (Previously Presented): The method according to claim 5, wherein the assemblage is performed with use of a film adhesive.

Claim 7 (New): The method according to claim 1, wherein the core is assembled with the skins to form a sandwich panel after the deformation of the semifinished-blank and before the final hardening.

Claim 8 (New): The method according to claim 1, wherein the final hardening includes hardening of the ridges of the folded structure and the final hardening occurs after connection of the core with the skins of the sandwich panel.

Claim 9 (New): The method according to claim 1, wherein the skins contact the ridges along a full length of the ridges.

Claim 10 (New): A method for production of a sandwich panel core, the method comprising:

placing of a sheet blank from a reinforcing material;

impregnation of the blank with a binder along a full surface of the blank to obtain a prepreg;

after the impregnation of the blank, hardening the binder by hot-pressing, heat for the hardening of the binder in the prepreg being applied within boundaries of prepreg parts;

slowing down the hardening along the prepreg between said parts to obtain a planar semifinished-blank comprising a set of substantially rigid parts detached from each other and having a shape of core sides;

deformation of the semifinished-blank to obtain a core with required geometries, the core being a folded 3-D structure with planar sides and ridges;

connecting the ridges with skins to form a sandwich panel; and

final hardening of the binder, including hardening of the ridges of the folded structure, the final hardening occurring after the connecting the ridges with the skins.